

Claims

1. Envelope-filling bench (6) for adding onto a push-in station (1) of a mail-processing machine (2),
5 in which enclosures or sets of enclosures are conveyed into the push-in station (1) by means of a conveyor (3) and are pushed into envelopes (7) by means of a push-in arrangement (5), said envelopes being conveyed, on the envelope-filling bench (6), into a position opposite
10 the push-in arrangement (5), opened, held ready for receiving the enclosures or sets of enclosures and, once filled, being closed and conveyed further, characterized in that the envelope-filling bench (6) has two vertical, mutually parallel transverse
15 partition walls (25, 26) which can be connected to an end wall of the push-in station, run transversely to the envelope-transporting direction and extend in a bottom region of an angled sheet-metal C-profile support (31), which extends in the envelope-
20 transporting direction and opens towards the push-in station (1), and are fastened on said support, in that an angled sheet-metal L-profile support (34) is welded to the sheet-metal C-profile support (31) so as to form, in the top part of the sheet-metal C-profile support (31), a box chamber (35) which has a
25 rectangular cross section and runs in the envelope-conveying direction, and in that mounted on the side walls of the box chamber (35), in pre-punched openings of the sheet-metal C-profile support (31) and/or the sheet-metal L-profile support (34), are horizontal shafts or spindles of rollers (12, 13, 14) of envelope-conveying means (8), which convey envelopes on the top outer surface of the sheet-metal C-profile support (31).
- 35 2. Envelope-filling bench according to Claim 1, characterized in that in the bottom region of the sheet-metal C-profile support (31), between the transverse partition walls (25, 26), a drive motor (19)

is flanged on the vertical wall of the sheet-metal C-profile support (31) and bears on its shaft, on that side of the vertical wall of the sheet-metal C-profile support (31) which is remote from the push-in station 5 (1), a belt pulley (18) which is coupled, via a drive belt (17), to a drive wheel or a drive belt pulley (16) for the envelope-conveying means (8).

3. Envelope-filling bench according to Claim 1 or 2, characterized in that shafts and/or spindles bear 10 the rollers or wheels (12, 13, 14) of the envelope-conveying means in a floating manner on that side of said box chamber (35) which is directed towards the push-in station (1), such that an envelope-conveying belt (8) or an envelope-transporting 15 chain may be positioned directly on the rollers or wheels (12, 13, 14), or removed therefrom, essentially without any dismantling measures being required.

4. Envelope-filling bench according to one of Claims 1 to 3, characterized in that the transverse 20 partition walls (25, 26) have vertical flanges (27, 28) which are formed by angling, are oriented parallel to the envelope-conveying direction and in which there are provided openings (43) which can be pushed over retaining supports (44) projecting away from the end 25 wall of the push-in station.

5. Envelope-filling bench according to one of Claims 1 to 4, characterized in that cut-out side strips (33) of the bottom part of the sheet-metal C-profile support (31) are bent upwards alongside the 30 transverse partition walls (25, 26), in order to stiffen and support the latter, and are welded firmly on the transverse partition walls.

6. Envelope-filling bench according to one of Claims 1 to 5, characterized in that at that end of the 35 box chamber (35) which is located counter to the envelope-conveying direction, in the top and side walls of said box chamber, a transverse incision (39) is formed by corresponding punched cutouts of the sheet-metal C-profile support (31) and of the

sheet-metal L-profile support (34), said incision serving for receiving a transverse conveying housing (20) which contains a circulating conveying belt whose top strand is located approximately in the plane of the 5 top side of the envelope-filling bench.